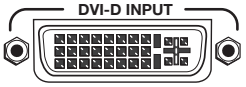
FOXBOX 4G Tx/Rx DVI

Description

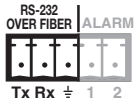
The FOXBOX 4G Tx/Rx DVI provides ultra-high performance transmission of DVI video, audio, and RS-232 serial communications (for applications such as projector control) up to 150 m (492') (MM models) or up to 30 km (18 miles) (SM models).

Installation



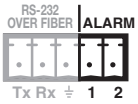
1. Connect a DVI video source to the transmitter, and a display to the receiver via the transmitter's Input and receiver's Ouput DVI connectors.

2. Connect unbalanced, stereo or mono, audio input and an audio output device to the units' 3.5 mm mini jacks.



3. If you want the FOXBOX 4G to pass serial data and/or control signals, such as for serial control of a projector, connect the master device to the transmitter and the slave device to the receiver via three poles of the units' RS-232 Over Fiber/Alarm 5-pole captive screw connectors.

NOTE *For RS-232 responses (from the receiver to the transmitter), you must install the cable in step **6** and leave the receiver in normal configuration.*

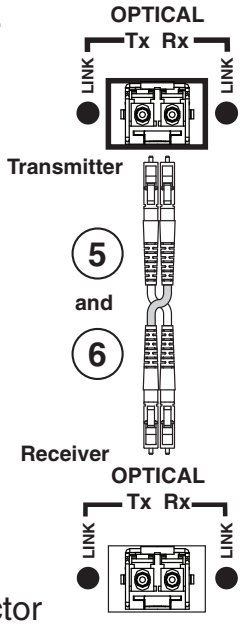


4. For remote monitoring of the status of the optical links, connect a locally constructed or obtained device to the two Alarm poles of the units' RS-232/Alarm 5-pole captive screw connectors. The two poles are shorted together when no light is detected.

NOTE *The transmitter's Alarm port reports the status of the Rx light link. The receiver's Alarm port reports the status of the Tx light link.*

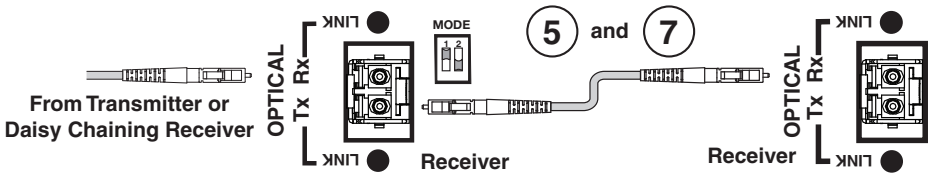
5. Connect the fiber between the transmitter's Tx and receiver's Rx ports.

NOTE *Only the fiber cable in step **5** is required for video, audio, and serial command transmission.*



6. **If you want the receiver to send return serial data (such as responses from a controlled device) to the transmitter**, connect a cable between the receiver's Tx and transmitter's Rx ports.

7. **If you want a receiver to daisy chain the optical signal to another receiver (up to 10 receivers in a daisy chain)**:
   - **a**. Connect the receiver's Tx fiber cable to Rx on another receiver.
   - **b**. Set the first receiver's Mode DIP switch 1 up.



8. Connect a host device to either unit's front panel Configuration connector via the included TRS RS 232 cable.

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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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